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APR 17 2003 #10

TECHNOLOGY CENTER R3700

COMBINED DECLARATION AND POWER OF ATTORNEY

As the below named inventor(s), I (we) hereby declare that:

My (Our) residence, post office address and citizenship(s) are as stated below next to my (our) name(s).

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

COOLING-TOWER FAN AIRFOILS

The specification of which (check one)

☐ is attached hereto ☒ as filed on March 22, 2002 as Serial No. 09/936,802 and was amended _____.

I (We) hereby state that I (we) have reviewed and understand the contents of the above-identified specification, including claims, as amended by any amendment referred to above.

I (We) acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I (We) hereby claim foreign priority benefits under Title 35, United States Code § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

Priority claimed

Number	Country	Filed (Day/Month/Year)	Yes	No
PCT/US00/01434		21 January 2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>

I (We) hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I (we) acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial No.: 60/118,985 Filing Date: 8 February 1999 Status: Closed

POWER OF ATTORNEY: As the named inventor(s), I (we) hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Names and Registration Nos.		Names and Registration Nos.	
Ken Richardson	27,378		
Paul J. White	30,436		
<u>Send Correspondence to:</u> Paul J. White Senior Counsel National Renewable Energy Laboratory 1617 Cole Boulevard Golden, CO 80401		<u>Direct Telephone Calls to:</u> (Name and Telephone Numbers) Paul J. White 303/384-7575	

I (We) hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of joint inventor JAMES L. TANGLER

Inventor's signature *James L. Tangler*

Date 12-16-02

Residence Boulder, Colorado

Citizenship USA

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Boulder, CO 80305

Full name of joint inventor DAN M. SOMERS

Inventor's signature _____

Date _____

Residence Port Matilda, Pennsylvania

Citizenship USA

Post Office Address 122 Rose Drive

Port Matilda, PA 16870

Full name of joint inventor _____

Inventor's signature _____

Date _____

Residence _____

Citizenship _____

Post Office Address _____

Full name of joint inventor _____

Inventor's signature _____

Date _____

Residence _____

Citizenship _____

Post Office Address _____

Full name of joint inventor _____

Inventor's signature _____

Date _____

Residence _____

Citizenship _____

Post Office Address _____

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I (We) hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of joint inventor JAMES L. TANGLER

Inventor's signature _____

Date _____

Residence Boulder, ColoradoCitizenship USAPost Office Address 1740 Deer Valley RoadBoulder, CO 80305Full name of joint inventor DAN M. SOMERSInventor's signature *D. M. Somers*Date 12-11-02Residence Port Matilda, PennsylvaniaCitizenship USAPost Office Address 122 Rose DrivePort Matilda, PA 16870

Full name of joint inventor _____

Inventor's signature _____

Date _____

Residence _____

Citizenship _____

Post Office Address _____

Full name of joint inventor _____

Inventor's signature _____

Date _____

Residence _____

Citizenship _____

Post Office Address _____

Full name of joint inventor _____

Inventor's signature _____

Date _____

Residence _____

Citizenship _____

Post Office Address _____